

10/591,061 9/5/07

Attorney's Docket No.: 22578-010US1 074.US2.PCT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Vincent Santora, et al. Art Unit :
Serial No. : 10/591,061 Examiner :
Filed : 8/30/2006 Conf. No. : 5931
Title : LIGANDS OF FOLLICLE STIMULATING HORMONE RECEPTOR AND
METHODS OF USE THEREOF

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL OF REVOCATION AND NEW POWER OF ATTORNEY

A Revocation and New Power of Attorney executed July 30, 2007 is attached in connection with the above-referenced application. Please update the attorney of record and address information accordingly.

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: August 29, 2007

Diana Collazo
Diana Collazo.
Reg. No. 46,635

Fish & Richardson P.C.
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b), Arena Pharmaceuticals, Inc., a corporation, certifies that it is the assignee of 100% of the right, title and interest in the patent applications identified on the attached Appendix (TABLE 1) by virtue of assignments from the inventors of the patent and patent applications. The assignments for 1 patent and 17 patent applications were recorded in the Patent and Trademark Office at Reel and Frame numbers provided in the Appendix (TABLE 1).

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

The undersigned, acting on behalf of the assignee, hereby revokes all powers of attorney previously granted in the application and appoints:

The Practitioners at PTO Customer Number 26204

with full power of substitution and revocation, to prosecute the application and to transact all business in the United States Patent and Trademark Office connected therewith.

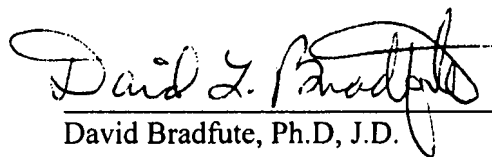
All correspondence regarding the application should be sent to:

PTO Customer Number 26204

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

Date: 30 July 2007

A handwritten signature in black ink, appearing to read "David G. Bradfute", written over a horizontal line.

David Bradfute, Ph.D, J.D.
Vice President & Assistant
General Counsel, Intellectual Property
Arena Pharmaceuticals, Inc.

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Facsimile: (617) 542-8906

| Matter No | Serial No./ Patent No. | Filing Date | Assignment Information |
|--------------|---------------------------|-------------|--|
| 20750-009001 | 10/888,747 | 09-Jul-04 | ASSIGNMENT FROM ROBERT M. JONES, GRAEME SEMPLE, YIFENG XIONG, YOUNG-JUN SHIN, ALBERT S. REN, IMELDA CALDERON, BEATRIZ FIORAVANTI, JIN SUN KAROLINE CHOI, JUERG LEHMANN, MARC A. BRUCE, ASSIGNING TO ARENA PHARMACEUTICALS, INC. RECORDED 11/18/2004, REEL 015390, FRAME 0870; |
| 20750-004P01 | 60/841,456 | 31-Aug-06 | ASSIGNMENT FROM PETER I. DOSA, BRADLEY TEEGARDEN TO ARENA PHARMACEUTICALS, INC., RECORDED 5/23/07, REEL 019336, FRAME 0763 |
| 20750-007US1 | 10/541,657 | 03-Mar-06 | ASSIGNMENT FROM ROBERT M. JONES, GRAEME SEMPLE, BEATRIZ FIORAVANTI, GUILHERME PEREIRA, IMELDA CALDERON, JANE UY, KAMESHWARI DUVVURI, JIN SUN KAROLINE CHOI, YIFENG XIONG, VIGHA DAVE, MIHAI D. AZIMIOARA TO ARENA PHARMACEUTICALS, INC.; RECORDED 3/06/2006, REEL 017254, FRAME 0935 |
| 20750-008US1 | 10/546,665 | 26-Jul-06 | ASSIGNMENT FROM ROBERT M. JONES, GRAEME SEMPLE, JIN SUN KAROLINE CHOI, YIFENG XIONG, BEATRIZ FIORAVANTI TO ARENA PHARMACEUTICALS, INC.; RECORDED 6/1/2007, REEL 019372, FRAME 0978 |
| 20750-010P01 | 60/577,354 | 04-Jun-04 | ASSIGNMENT FROM ROBERT M. JONES, GRAEME SEMPLE, YIFENG XIONG, YOUNG-JUN SHIN, ALBERT S. REN, JUERG LEHMANN, BEATRIZ FIORAVANTI, MARC BRUCE, JIN SUN KAROLINE CHOI TO ARENA PHARMACEUTICALS, INC.; RECORDED 4/29/05, REEL 015961, FRAME 0840 |
| 20750-012P02 | 60/503,586 | 16-Sep-03 | ASSIGNMENT FROM BRADLEY TEEGARDEN, HONNAPPA JAYAKUMAR, HONGMEI LI, SONJA STRAH-PLYNET TO ARENA PHARMACEUTICALS, INC., RECORDED 6/14/07, REEL 019439, FRAME 0690 |
| 20750-015P01 | 60/643,712 | 13-Jan-05 | ASSIGNMENT FROM TAWFIK GHARBAOUI, DIPANJAN SENGUPTA TO ARENA PHARMACEUTICALS, INC. RECORDED 6/24/05, REEL 016180, FRAME 0462 |
| 20750-016002 | 11/482,777 | 06-Jul-06 | ASSIGNMENT FROM ROBERT M. JONES, JUERG LEHMANN, AMY SIU-TING WONG, DAVID HURST AND YOUNG-JUN SHIN TO ARENA PHARMACEUTICALS, INC. RECORDED 08/08/2006, REEL 018072, FRAME 0615 |
| 20750-023P01 | 60/737,624 | 17-Nov-05 | ASSIGNMENT FROM VINCENT J. SANTORA, JONATHAN A. COVEL, RENA HAYASHI, ROBERT R. WEBB, ALBERT S. REN TO ARENA PHARMACEUTICALS, INC. RECORDED 6/1/07, REEL 019373, FRAME 0008 |

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|--------------|------------|-----------|---|
| 20750-032P01 | 60/819,500 | 06-Jul-06 | ASSIGNMENT FROM ROBERT M. JONES, JUERG LEHMANN TO ARENA PHARMACEUTICALS, INC. RECORDED 06/01/2007, REEL 019373, FRAME 0018 |
| 20750-033P01 | 60/819,278 | 06-Jul-06 | ASSIGNMENT FROM ROBERT M. JONES, JUERG LEHMANN, AMY SIU-TING WONG TO ARENA PHARMACEUTICALS, INC. RECORDED 06/01/2007, REEL 019373, FRAME 0073 |
| 20750-034P01 | 60/436,326 | 24-Dec-02 | ASSIGNMENT FROM BRADLEY TEEGARDEN, HONNAPPA JAYAKUMAR, SONJA STRAH-PLEYNET TO ARENA PHARMACEUTICALS, INC., RECORDED 4/18/06, REEL 017489, FRAME 0576 |
| 20750-037001 | 6,953,787 | 11-Oct-05 | ASSIGNMENT FROM JEFFREY SMITH, BRIAN SMITH TO ARENA PHARMACEUTICALS, INC.; RECORDED 4/10/2003, REEL 013966, FRAME 0046 |
| 20750-043US1 | 10/561,071 | 26-May-06 | ASSIGNMENT FROM BRIAN SMITH, CHARLES GILSON, III, JEFFREY SCHULTZ, JEFFREY SMITH TO ARENA PHARMACEUTICALS, INC. RECORDED 02/20/06, REEL 017196, FRAME 0565 |
| 20750-055P01 | 60/635,785 | 13-Dec-04 | ASSIGNMENT FROM BRIAN SMITH, VINCENT J. SANTORA, RENA HAYASHI, JASON B. IBARRA, JEFFREY SCHULTZ, SCOTT A. ESTRADA TO ARENA PHARMACEUTICALS, INC. RECORDED 06/08/07, REEL 019401, FRAME 0923 |
| 20750-059P01 | 60/635,794 | 13-Dec-04 | ASSIGNMENT FROM BRIAN SMITH, VINCENT J. SANTORA, RENA HAYASHI, JASON B. IBARRA, JEFFREY SCHULTZ, SCOTT A. ESTRADA TO ARENA PHARMACEUTICALS, INC. RECORDED 06/08/07, REEL 019402, FRAME 0061 |
| 22578-009005 | 10/932,662 | 31-Aug-04 | ASSIGNMENT FROM DAVID J. UNNETT, RUOPING CHEN, JEREMY G. RICHMAN, DANIEL T. CONNOLLY, HUONG T. DANG, BRYAN J. CHOI, JAMES N. LEONARD, YAROU HAKAK, CHEN W. LIAW, DOMINIC P. BEHAN, DEREK T. CHALMERS, MICHAEL R. LERNER, KEVIN P. LOWITZ TO ARENA PHARMACEUTICALS, INC., RECORDED 10/07/2004, REEL 015226, FRAME 0711 |
| 22578-010US1 | 10/591,061 | 30-Aug-06 | ASSIGNMENT FROM VINCENT J. SANTORA, JONATHAN A COVEL, RENA HAYASHI, ROBERT R. WEBB TO ARENA PHARMACEUTICALS INC. RECORDED 06/21/07 REEL/FAME 019464/0381 |